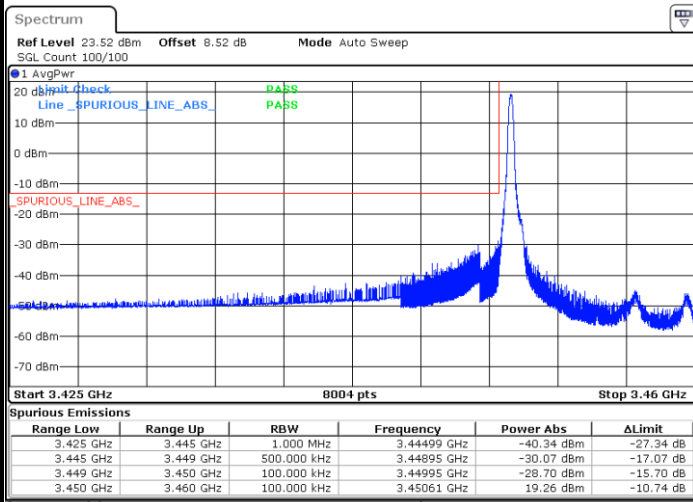




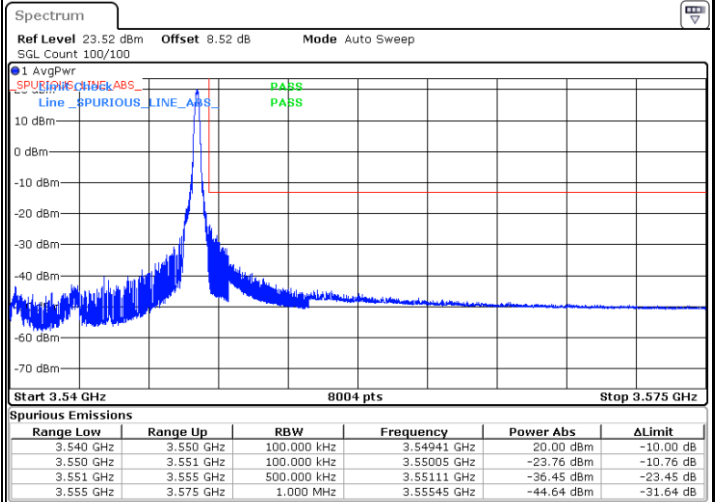
LTE Band 42 / 10MHz / QPSK

Lowest Band Edge / 1 RB



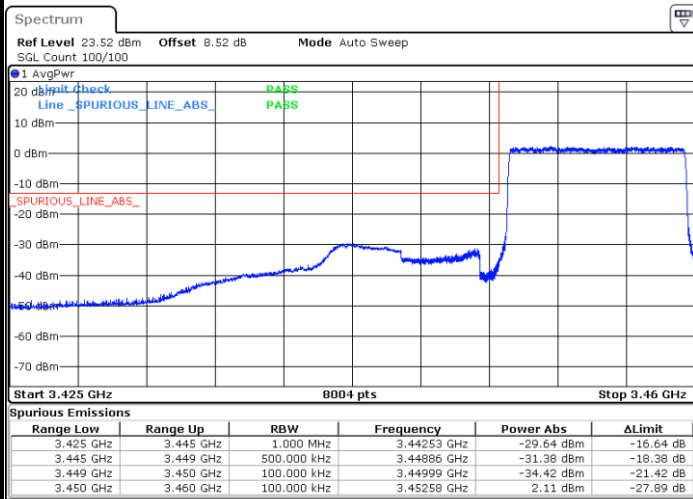
Date: 31.JAN.2022 01:28:09

Highest Band Edge / 1 RB



Date: 31.JAN.2022 01:40:16

Lowest Band Edge / Full RB



Date: 31.JAN.2022 01:32:11

Highest Band Edge / Full RB

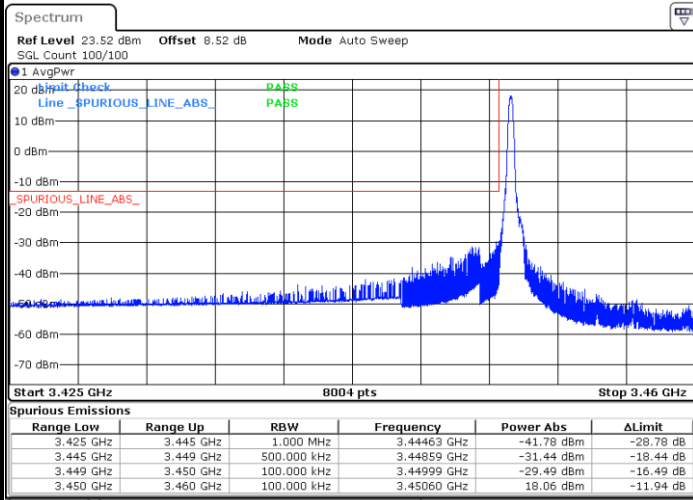


Date: 31.JAN.2022 01:36:13



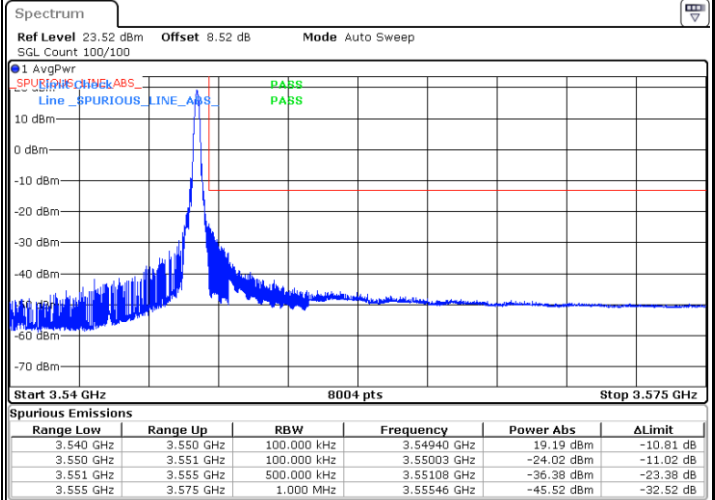
LTE Band 42 / 10MHz / 16QAM

Lowest Band Edge / 1 RB



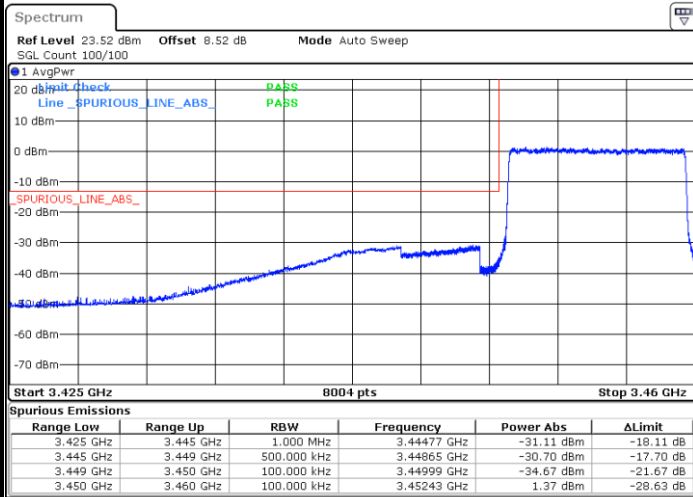
Date: 31.JAN.2022 01:26:48

Highest Band Edge / 1 RB



Date: 31.JAN.2022 01:38:55

Lowest Band Edge / Full RB



Date: 31.JAN.2022 01:30:50

Highest Band Edge / Full RB

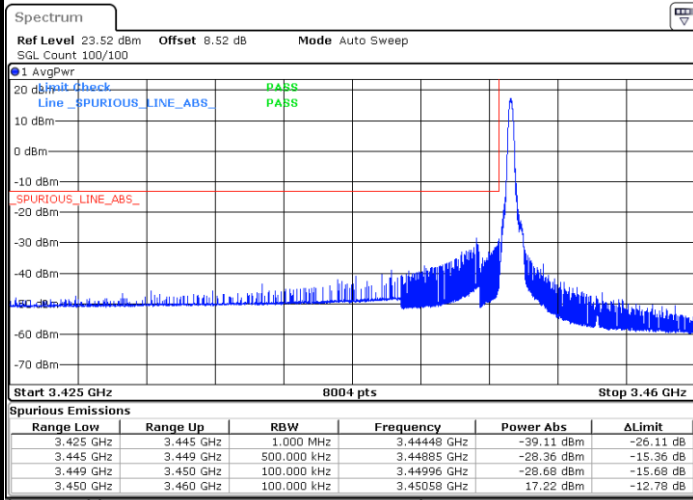


Date: 31.JAN.2022 01:34:53



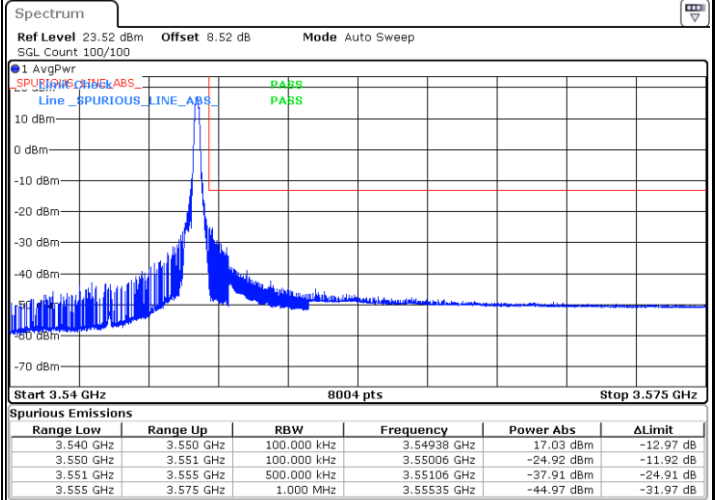
LTE Band 42 / 10MHz / 64QAM

Lowest Band Edge / 1 RB



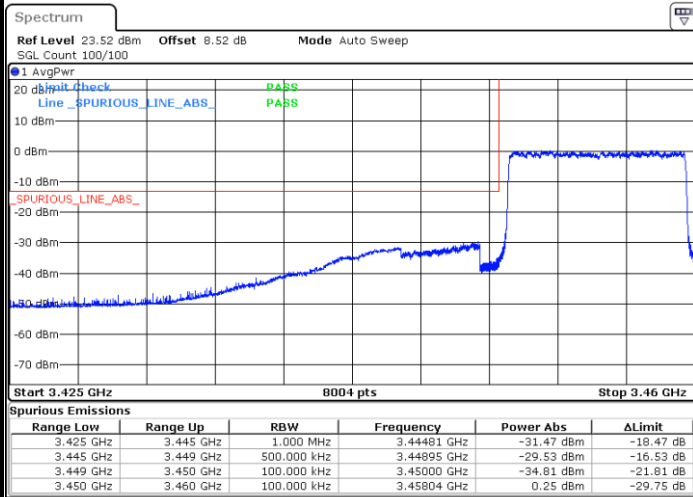
Date: 31.JAN.2022 01:25:27

Highest Band Edge / 1 RB



Date: 31.JAN.2022 01:37:34

Lowest Band Edge / Full RB



Date: 31.JAN.2022 01:29:30

Highest Band Edge / Full RB

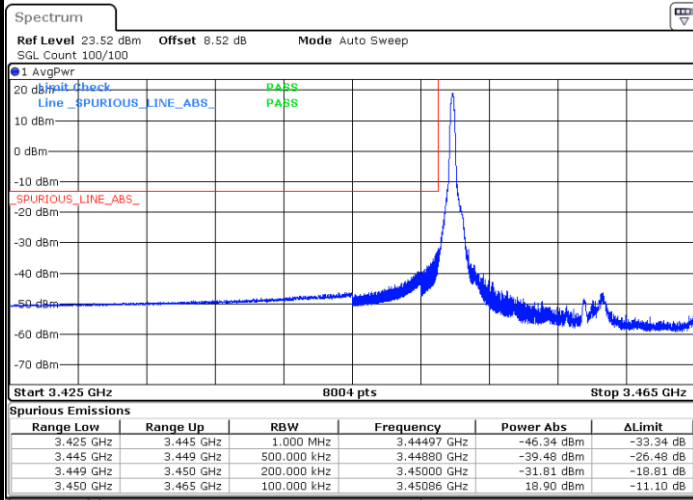


Date: 31.JAN.2022 01:33:32



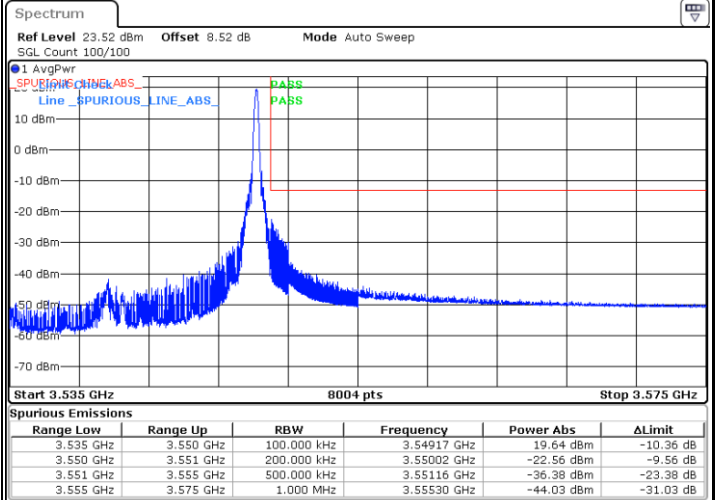
LTE Band 42 / 15MHz / QPSK

Lowest Band Edge / 1 RB



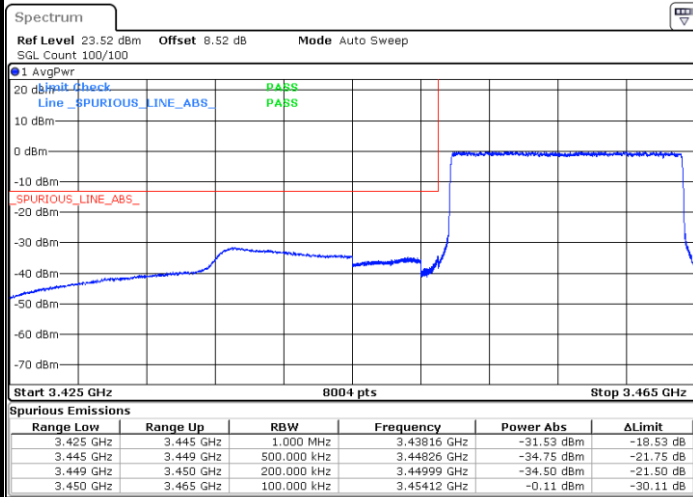
Date: 31.JAN.2022 01:41:37

Highest Band Edge / 1 RB



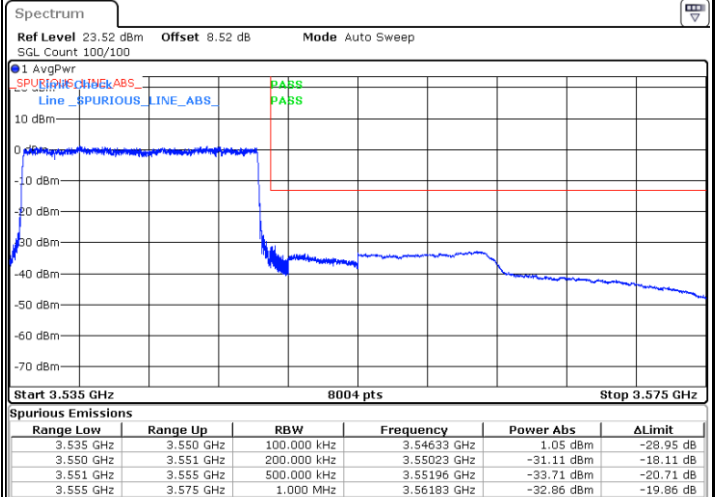
Date: 31.JAN.2022 01:53:44

Lowest Band Edge / Full RB



Date: 31.JAN.2022 01:45:39

Highest Band Edge / Full RB

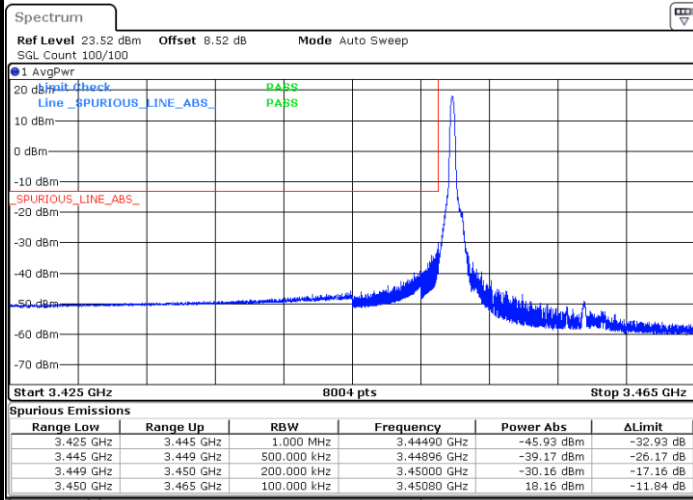


Date: 31.JAN.2022 01:49:41



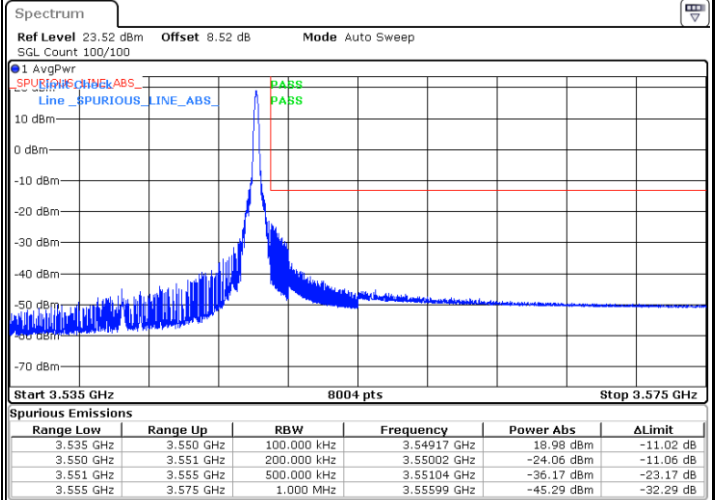
LTE Band 42 / 15MHz / 16QAM

Lowest Band Edge / 1 RB



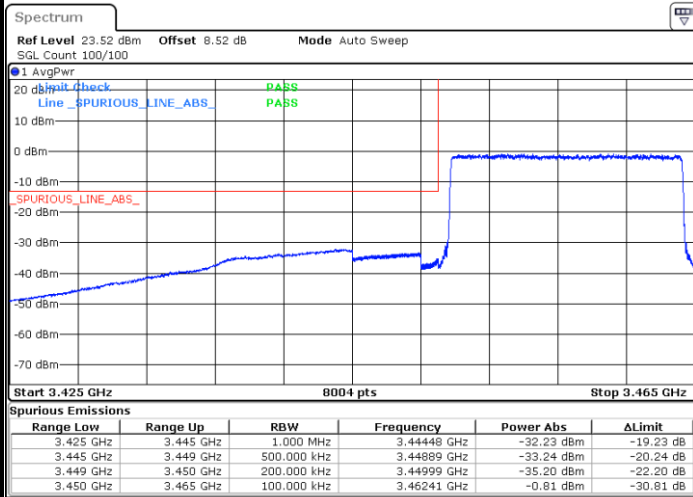
Date: 31.JAN.2022 01:42:57

Highest Band Edge / 1 RB



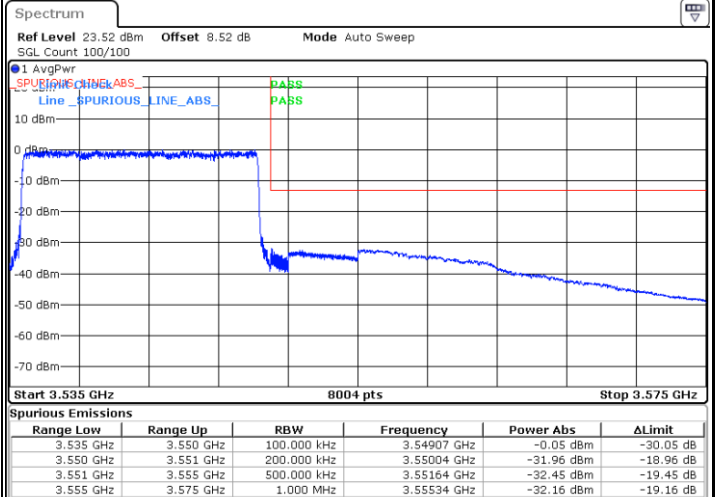
Date: 31.JAN.2022 01:55:04

Lowest Band Edge / Full RB



Date: 31.JAN.2022 01:47:00

Highest Band Edge / Full RB

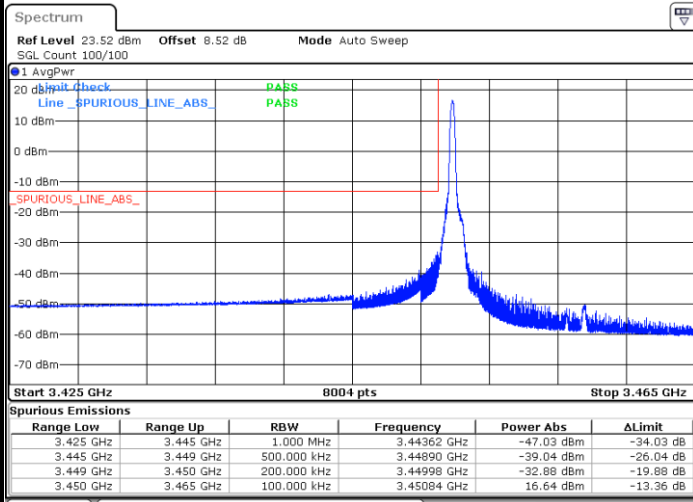


Date: 31.JAN.2022 01:51:02



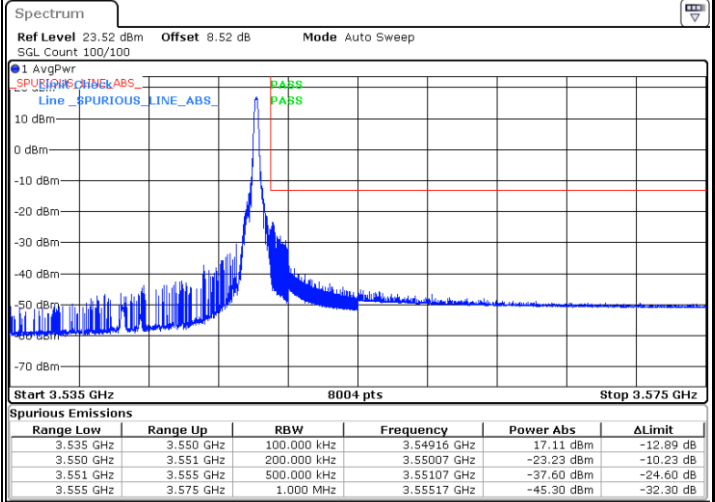
LTE Band 42 / 15MHz / 64QAM

Lowest Band Edge / 1 RB



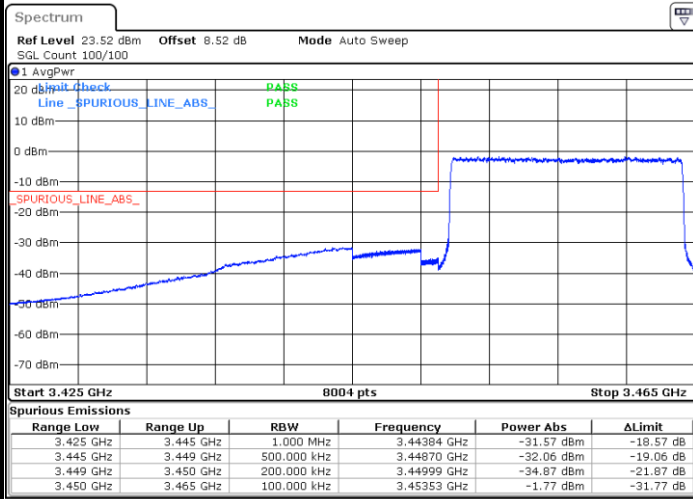
Date: 31.JAN.2022 01:44:18

Highest Band Edge / 1 RB



Date: 31.JAN.2022 01:56:25

Lowest Band Edge / Full RB



Date: 31.JAN.2022 01:48:21

Highest Band Edge / Full RB

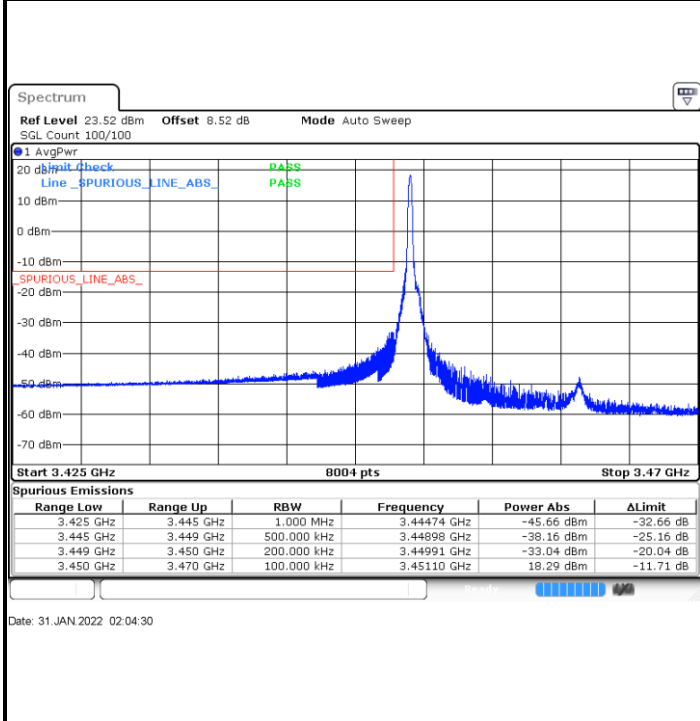


Date: 31.JAN.2022 01:52:23

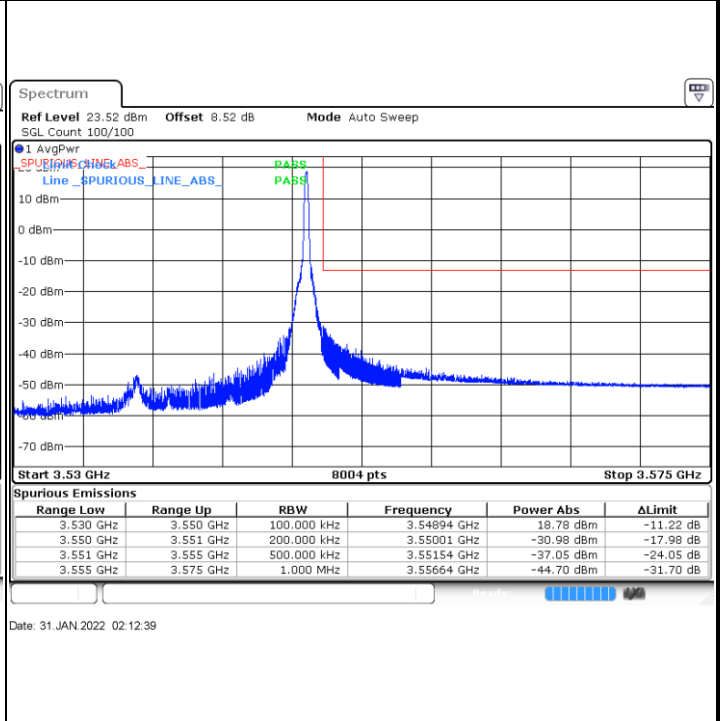


LTE Band 42 / 20MHz / QPSK

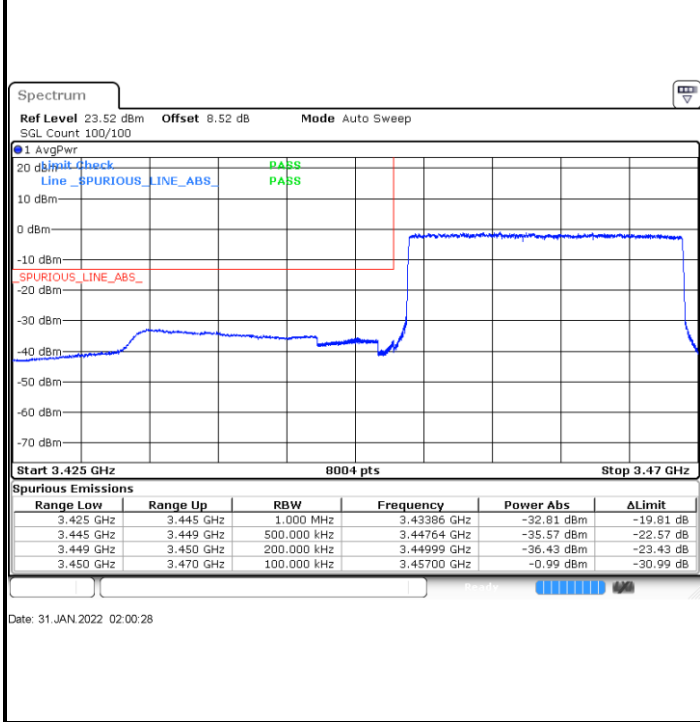
Lowest Band Edge / 1 RB



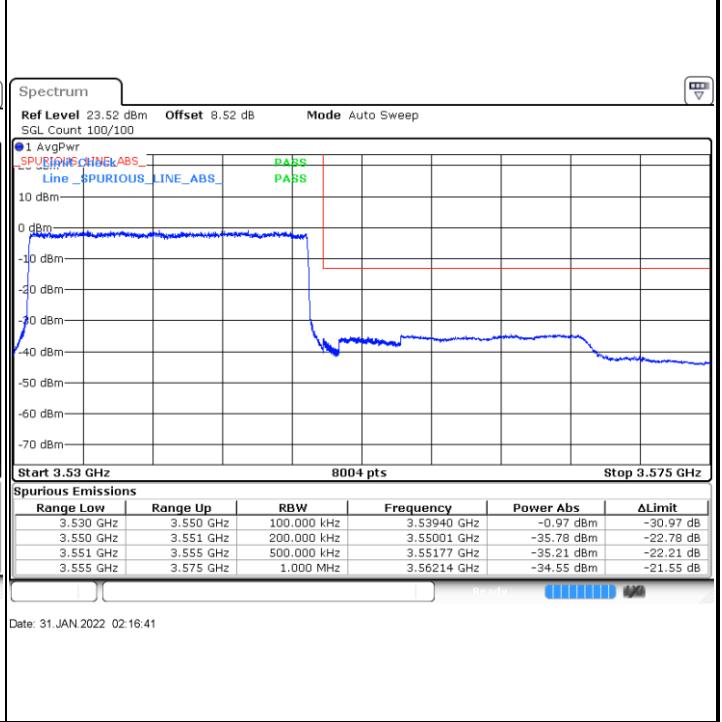
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



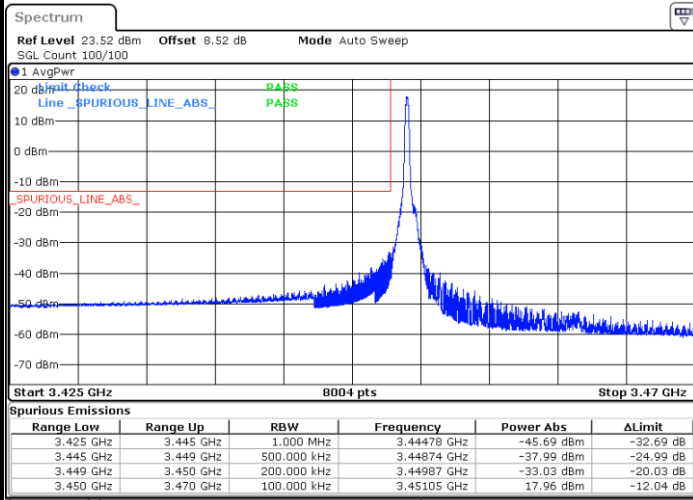
Highest Band Edge / Full RB





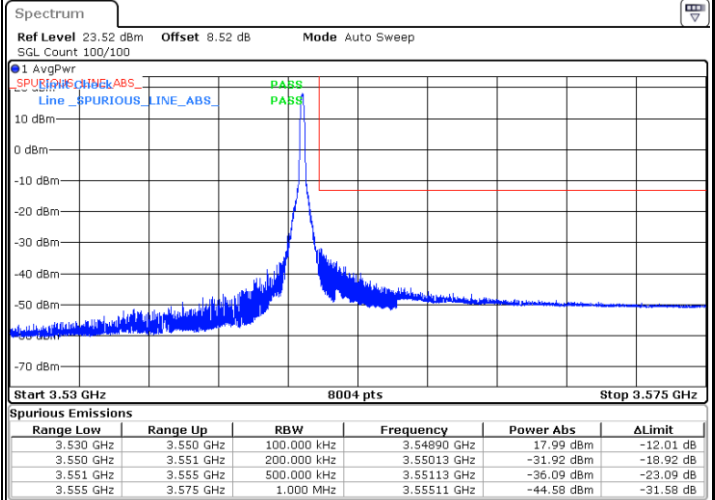
LTE Band 42 / 20MHz / 16QAM

Lowest Band Edge / 1 RB



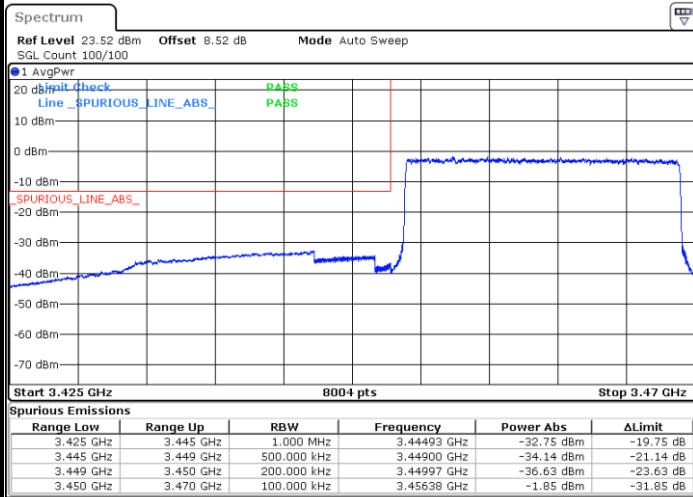
Date: 31.JAN.2022 02:03:09

Highest Band Edge / 1 RB



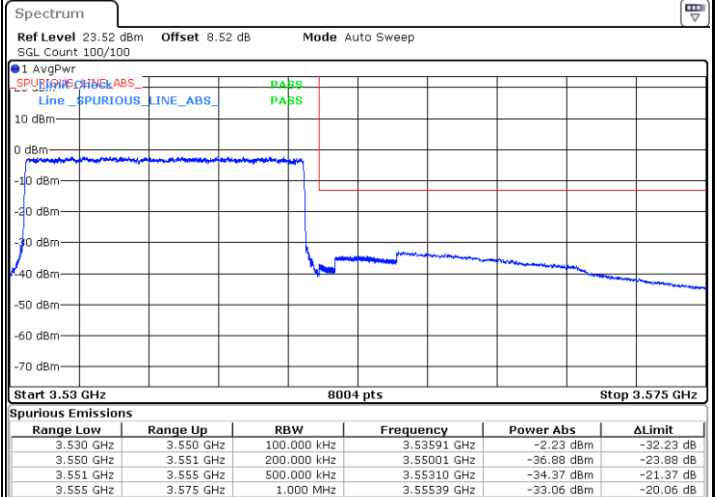
Date: 31.JAN.2022 02:11:18

Lowest Band Edge / Full RB



Date: 31.JAN.2022 01:59:07

Highest Band Edge / Full RB

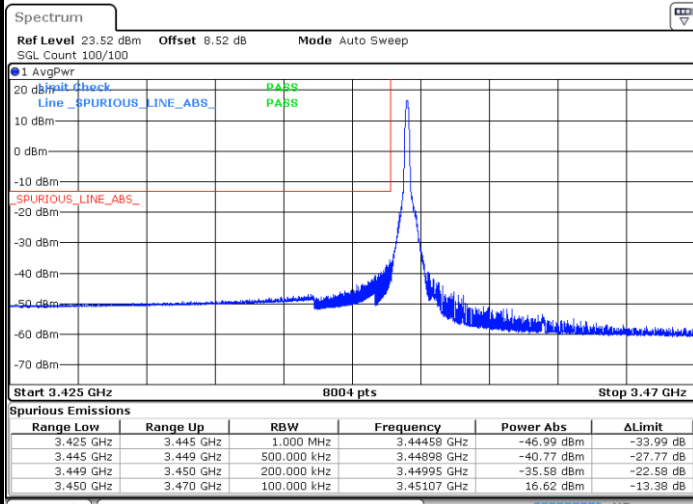


Date: 31.JAN.2022 02:15:20



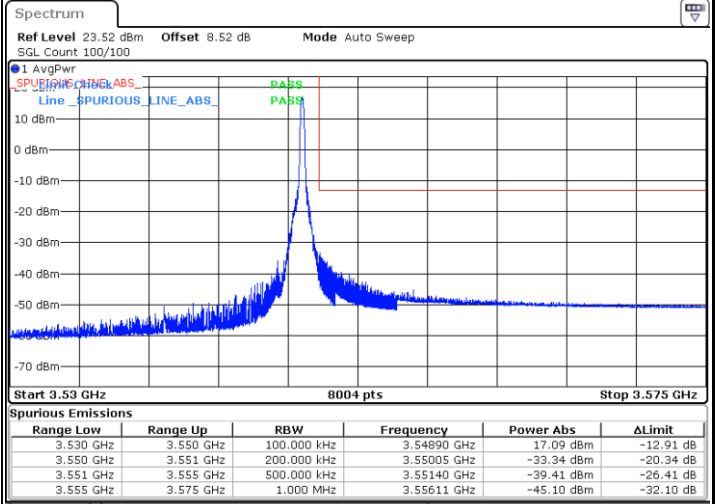
LTE Band 42 / 20MHz / 64QAM

Lowest Band Edge / 1 RB



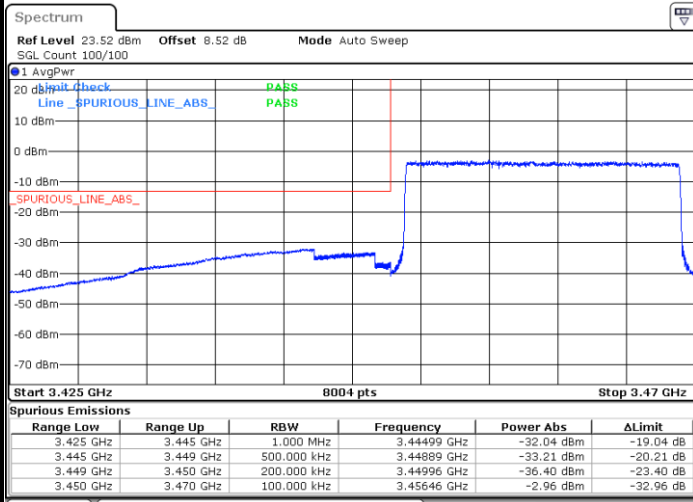
Date: 31.JAN.2022 02:01:48

Highest Band Edge / 1 RB



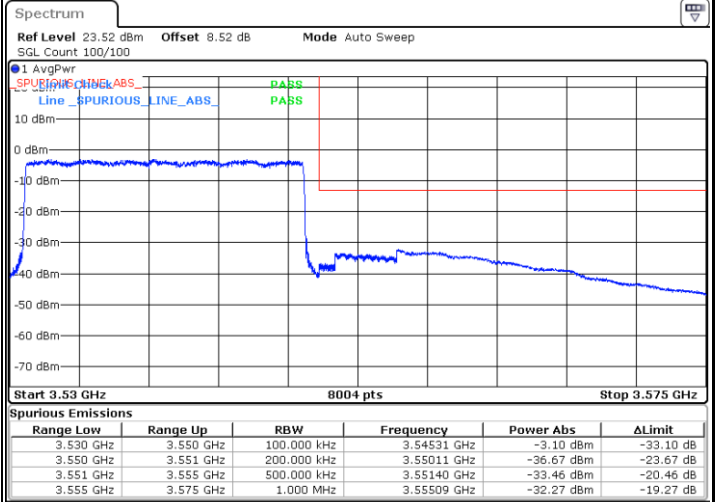
Date: 31.JAN.2022 02:09:57

Lowest Band Edge / Full RB



Date: 31.JAN.2022 01:57:46

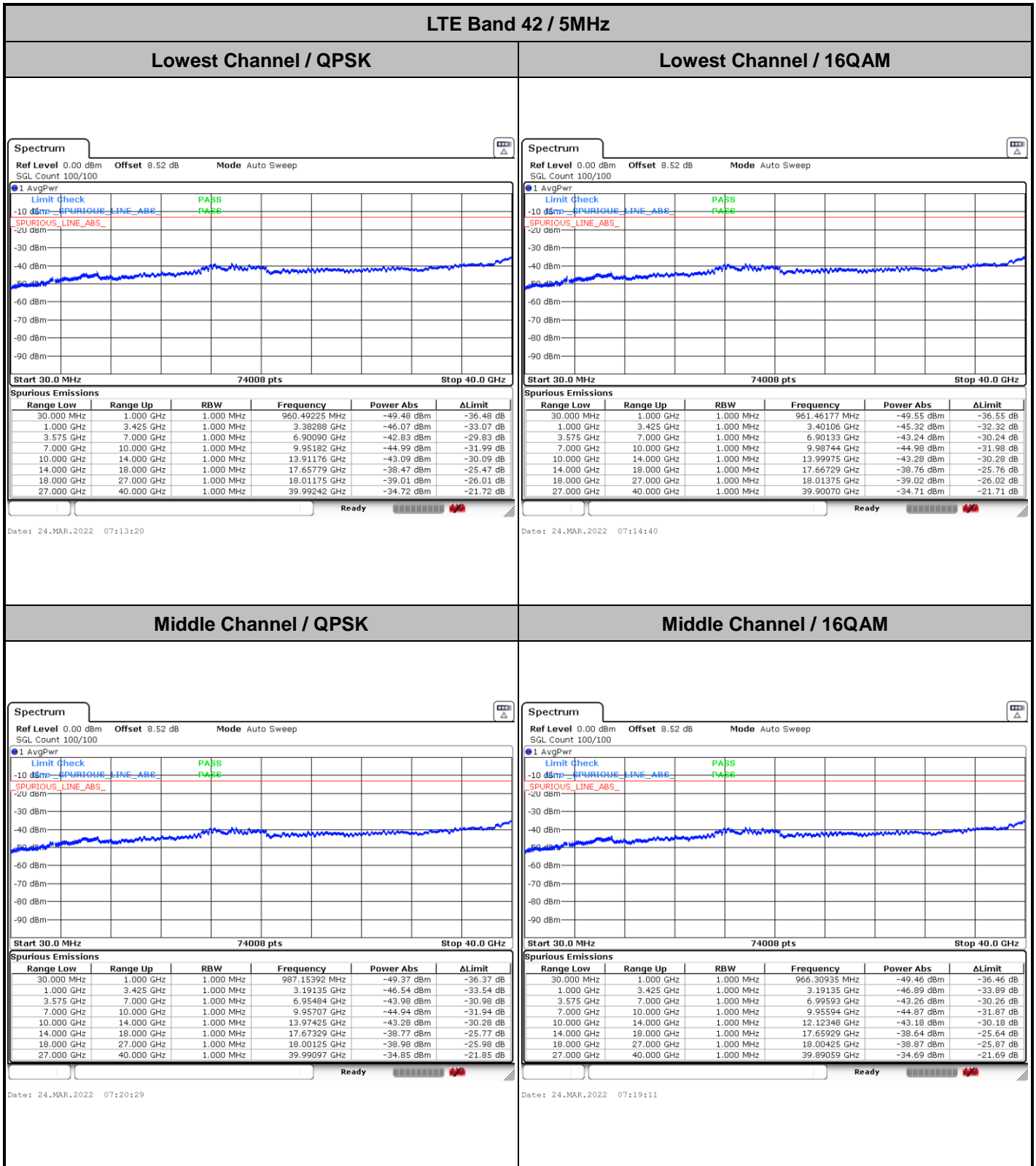
Highest Band Edge / Full RB



Date: 31.JAN.2022 02:13:59



Conducted Spurious Emission

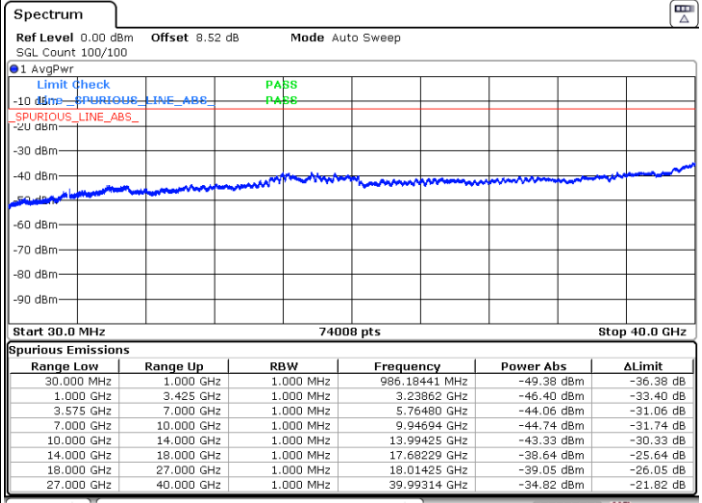
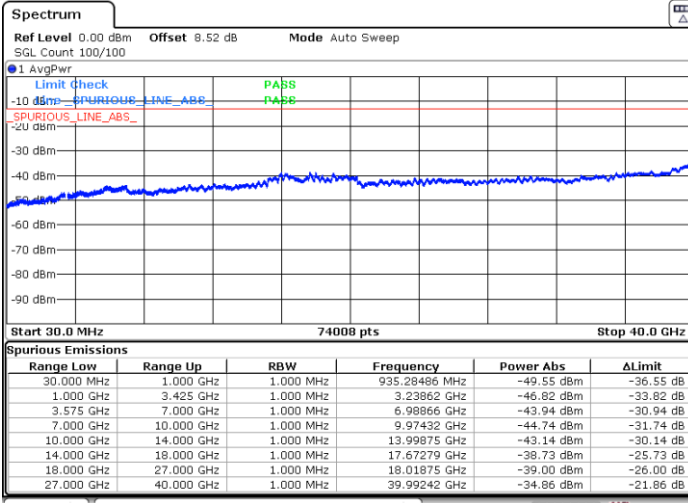




LTE Band 42 / 5MHz

Highest Channel / QPSK

Highest Channel / 16QAM



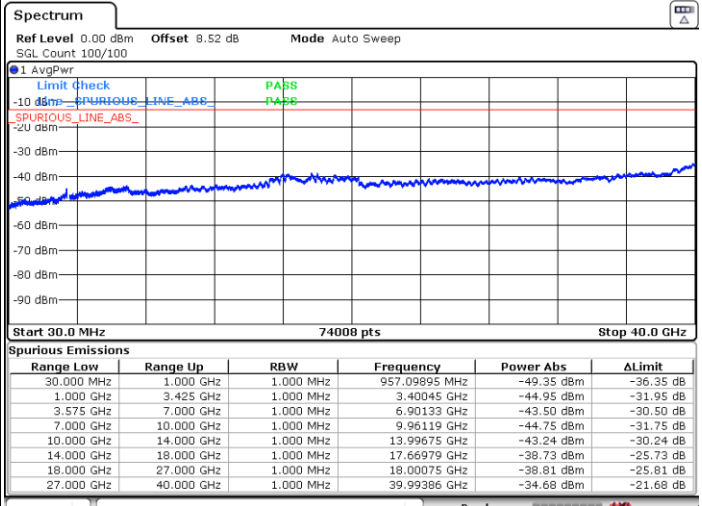
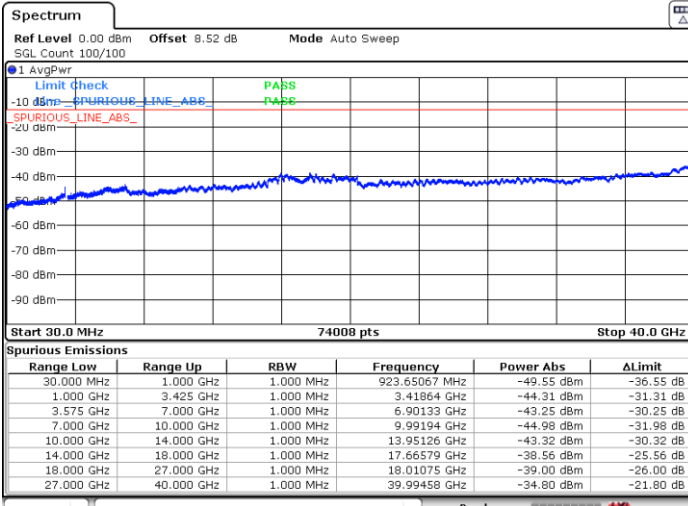
Date: 24.MAR.2022 07:22:03

Date: 24.MAR.2022 07:23:30

LTE Band 42 / 10MHz

Lowest Channel / QPSK

Lowest Channel / 16QAM



Date: 24.MAR.2022 07:01:15

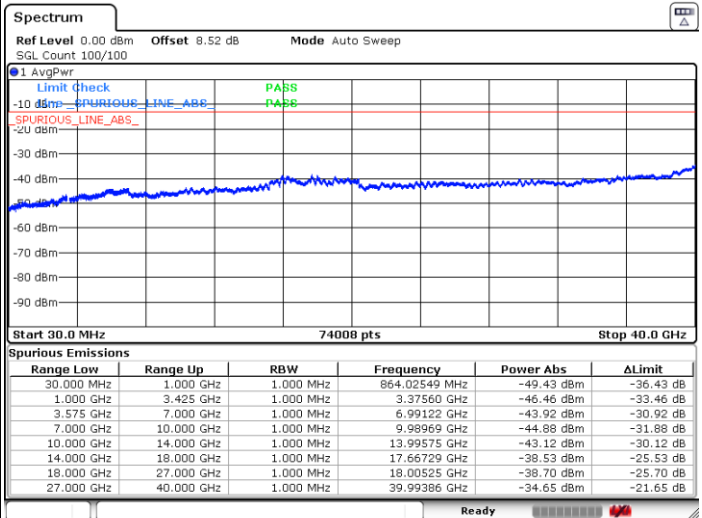
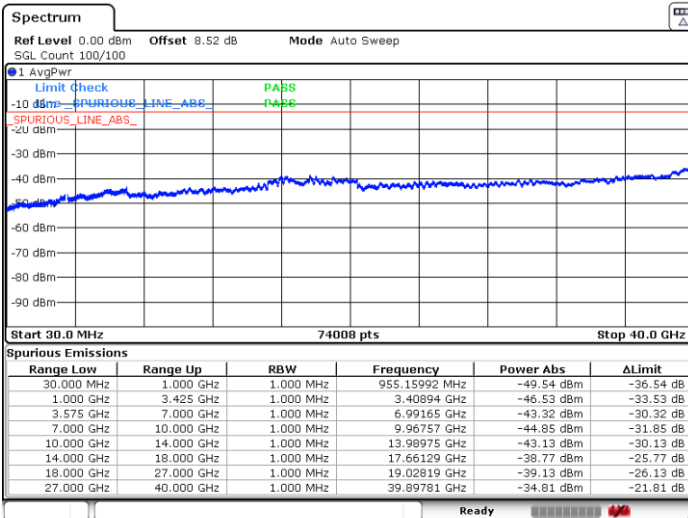
Date: 24.MAR.2022 06:59:59



LTE Band 42 / 10MHz

Middle Channel / QPSK

Middle Channel / 16QAM

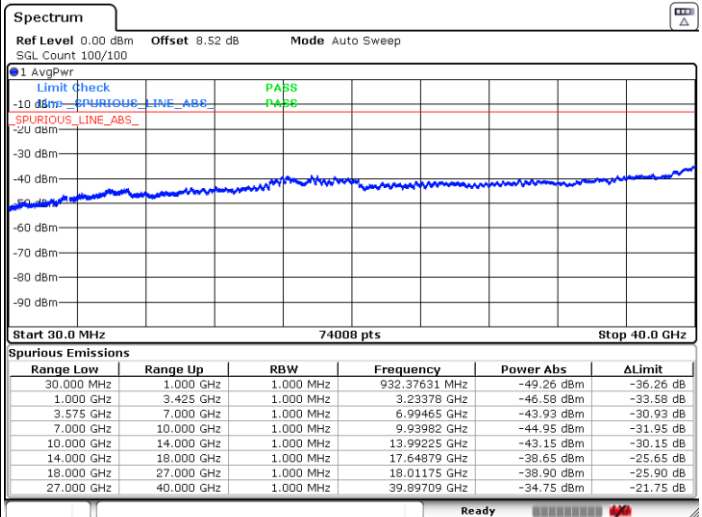
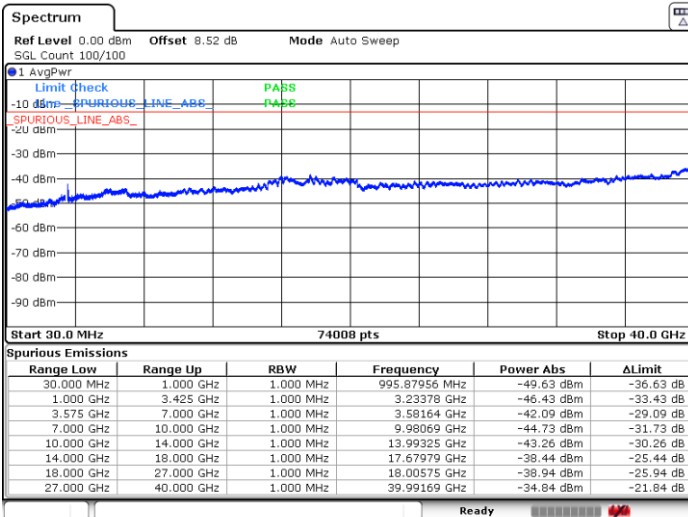


Date: 24.MAR.2022 07:02:48

Date: 24.MAR.2022 07:03:58

Highest Channel / QPSK

Highest Channel / 16QAM



Date: 24.MAR.2022 07:10:35

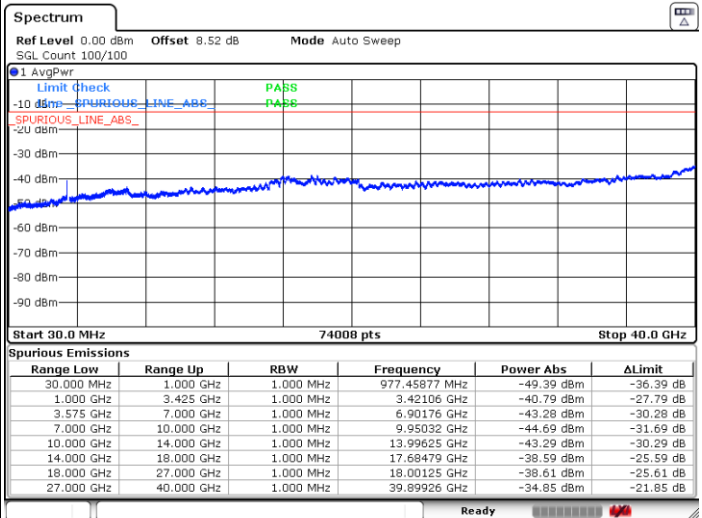
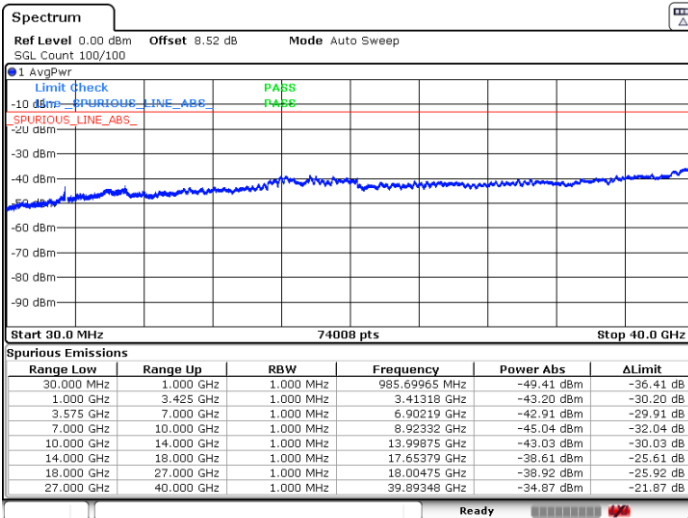
Date: 24.MAR.2022 07:09:25



LTE Band 42 / 15MHz

Lowest Channel / QPSK

Lowest Channel / 16QAM

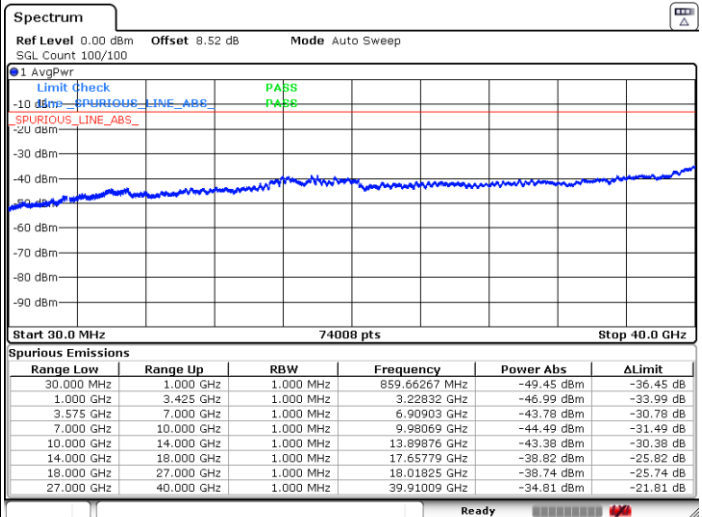
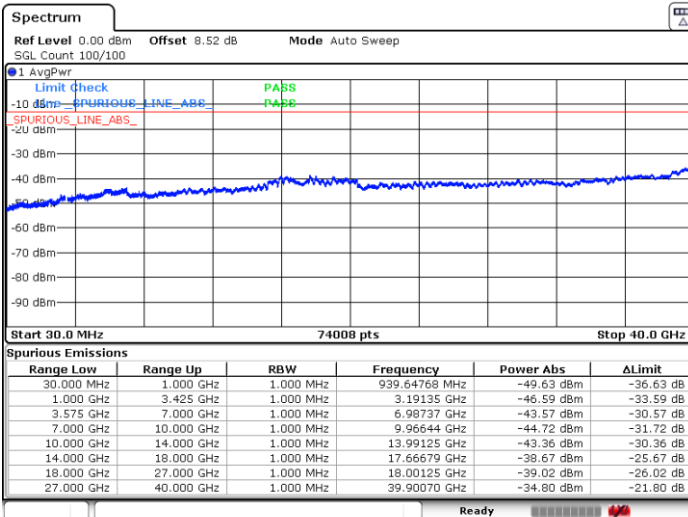


Date: 24.MAR.2022 06:45:50

Date: 24.MAR.2022 06:47:12

Middle Channel / QPSK

Middle Channel / 16QAM

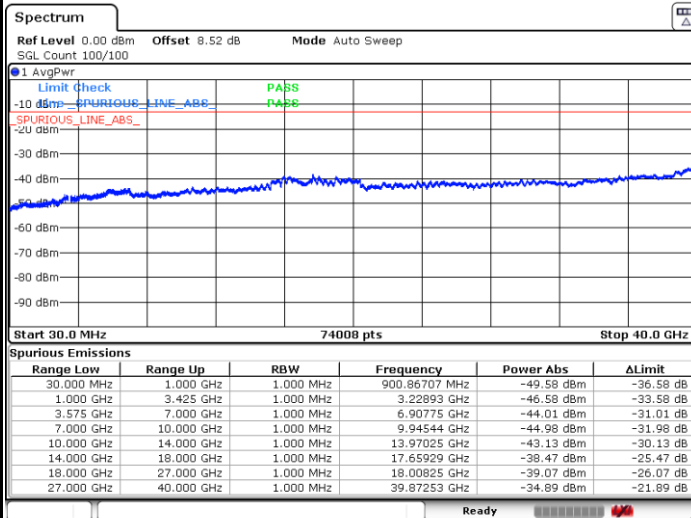


Date: 24.MAR.2022 06:52:17

Date: 24.MAR.2022 06:51:05

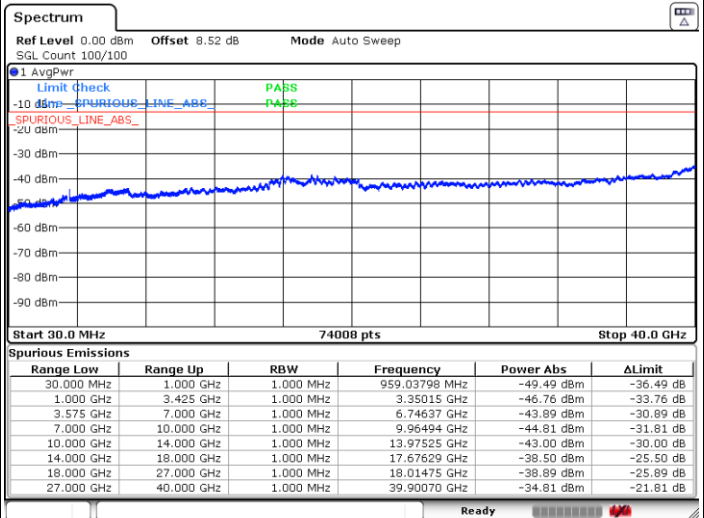


Highest Channel / QPSK



Date: 24.MAR.2022 06:53:45

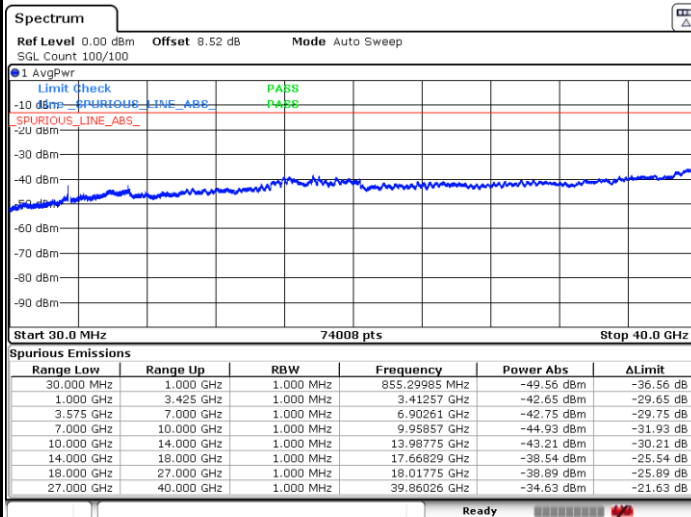
Highest Channel / 16QAM



Date: 24.MAR.2022 06:55:23

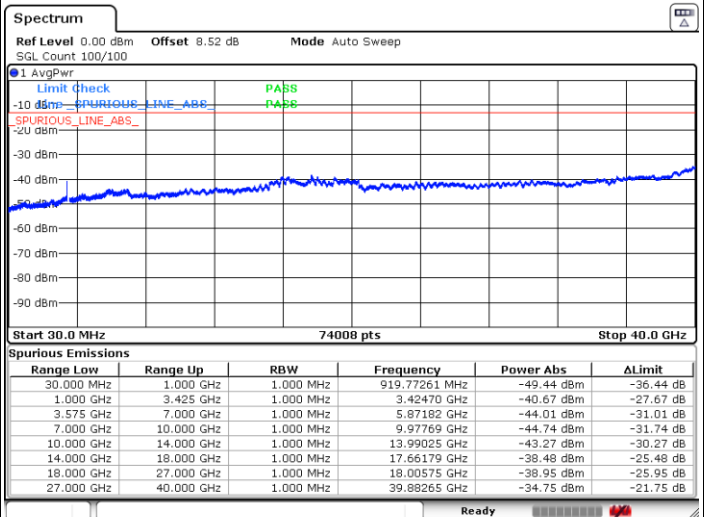
LTE Band 42 / 20MHz

Lowest Channel / QPSK



Date: 24.MAR.2022 06:35:28

Lowest Channel / 16QAM



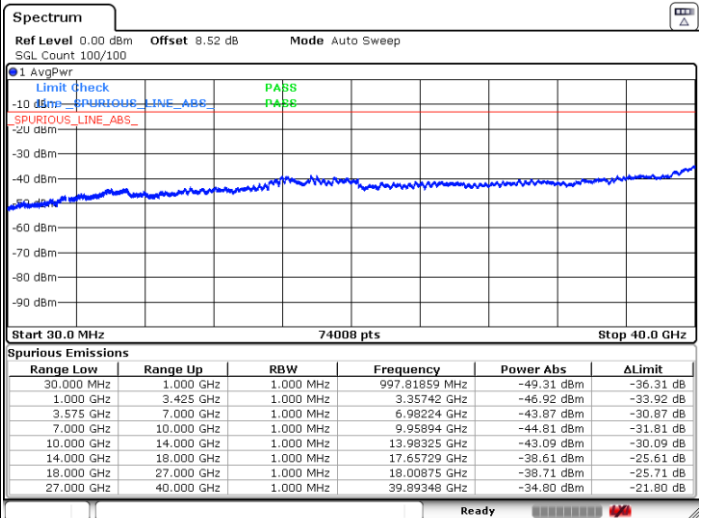
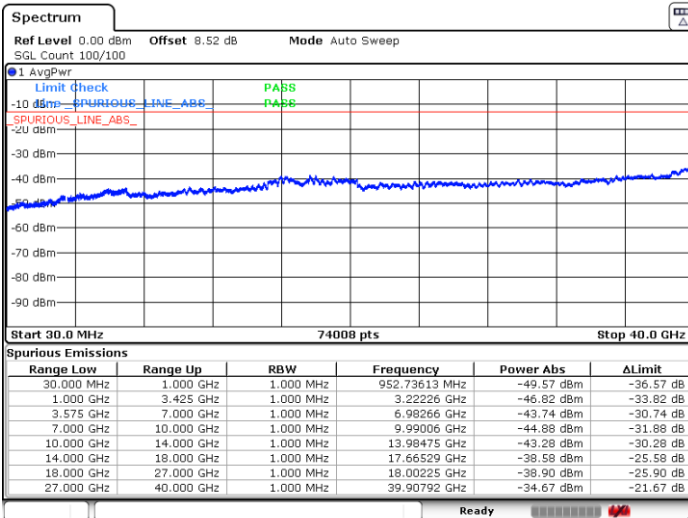
Date: 24.MAR.2022 06:33:14



LTE Band 42 / 20MHz

Middle Channel / QPSK

Middle Channel / 16QAM

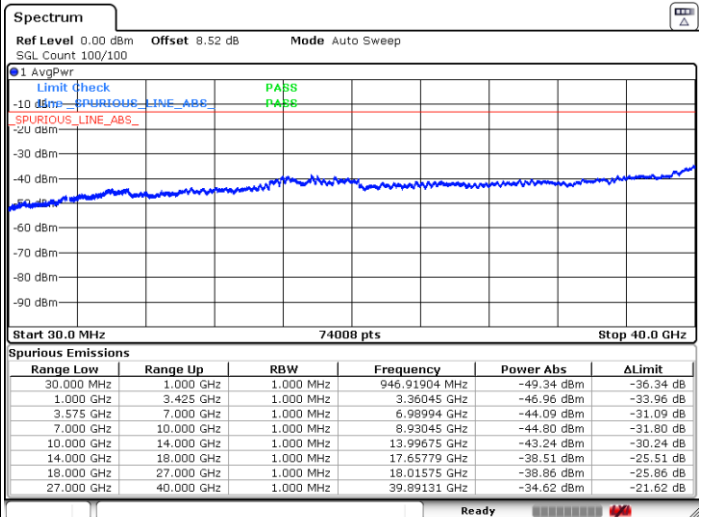
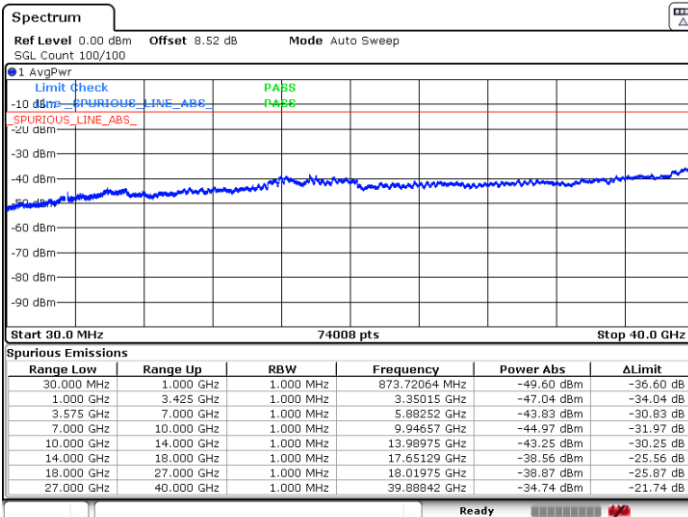


Date: 24.MAR.2022 06:37:09

Date: 24.MAR.2022 06:38:14

Highest Channel / QPSK

Highest Channel / 16QAM



Date: 24.MAR.2022 06:43:40

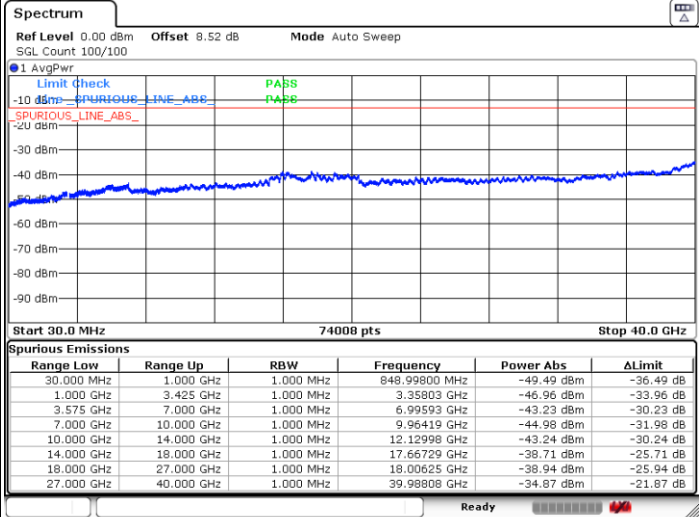
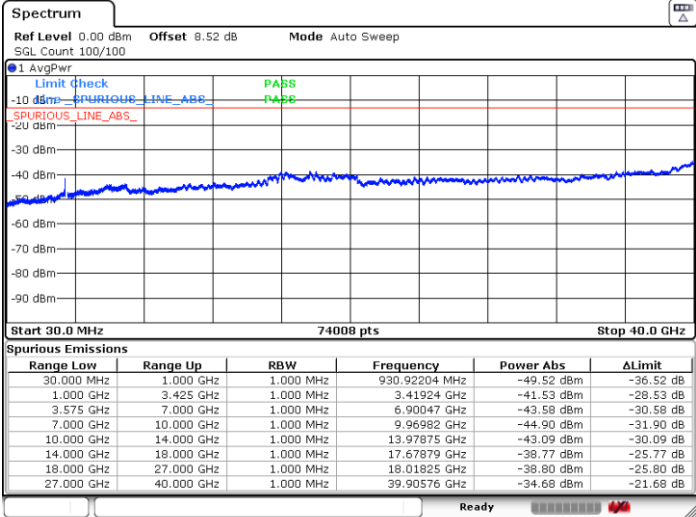
Date: 24.MAR.2022 06:42:34



LTE Band 42 / 5MHz

Lowest Channel / 64QAM

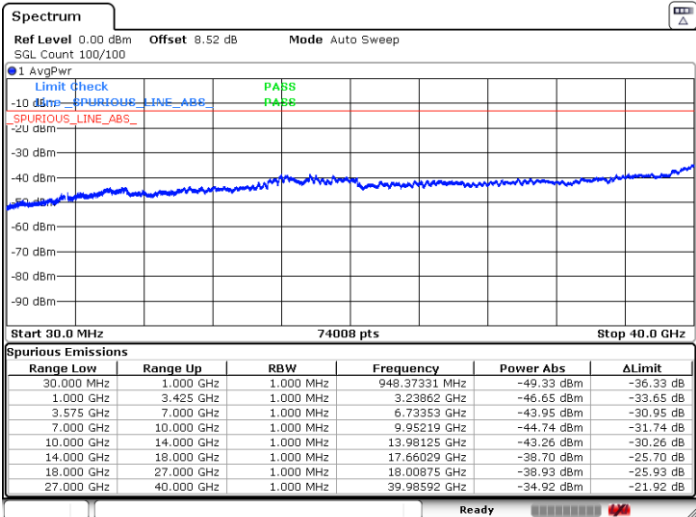
Middle Channel / 64QAM



Date: 24.MAR.2022 07:16:08

Date: 24.MAR.2022 07:17:50

Highest Channel / 64QAM



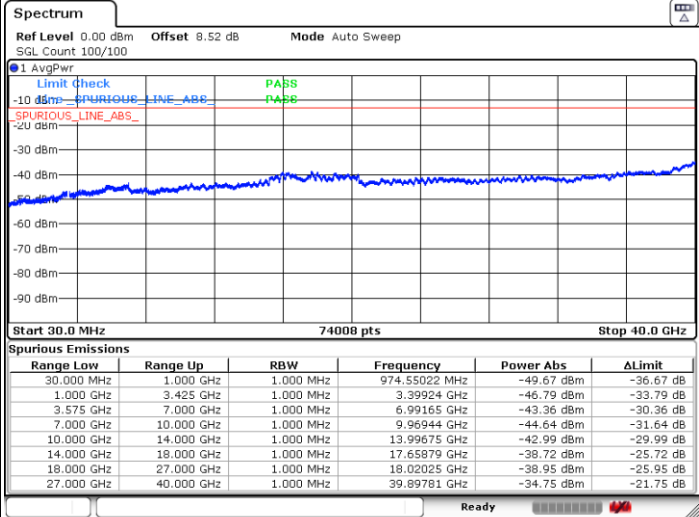
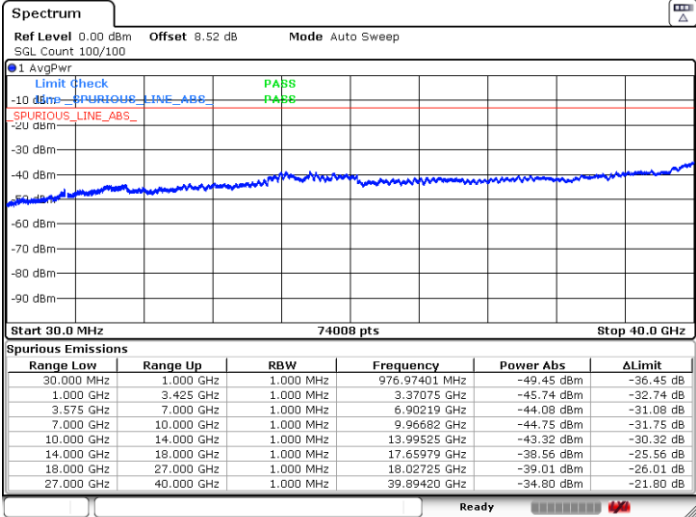
Date: 24.MAR.2022 07:24:45



LTE Band 42 / 10MHz

Lowest Channel / 64QAM

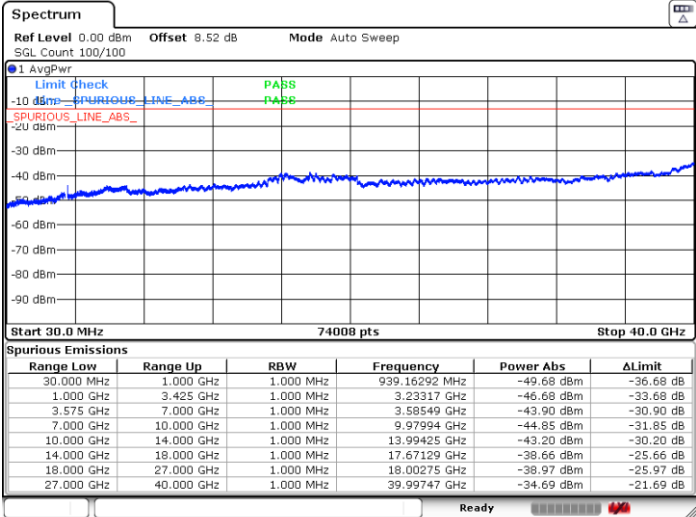
Middle Channel / 64QAM



Date: 24.MAR.2022 06:58:29

Date: 24.MAR.2022 07:05:50

Highest Channel / 64QAM



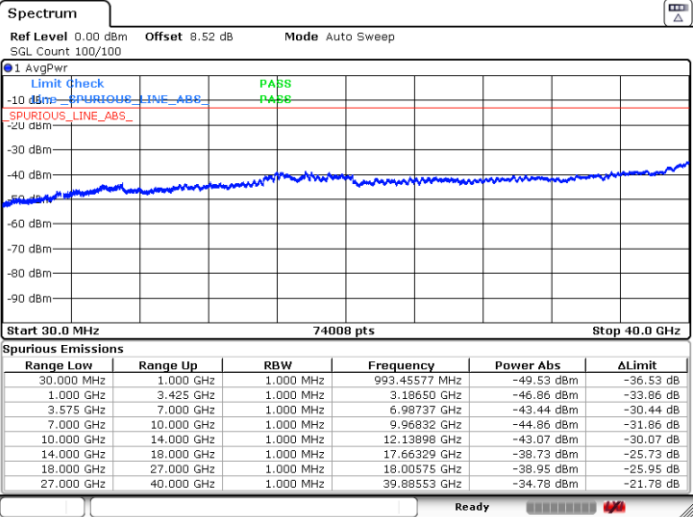
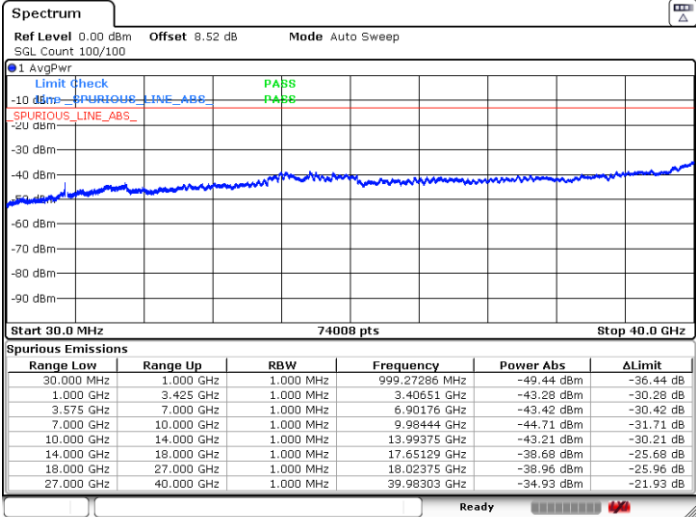
Date: 24.MAR.2022 07:08:07



LTE Band 42 / 15MHz

Lowest Channel / 64QAM

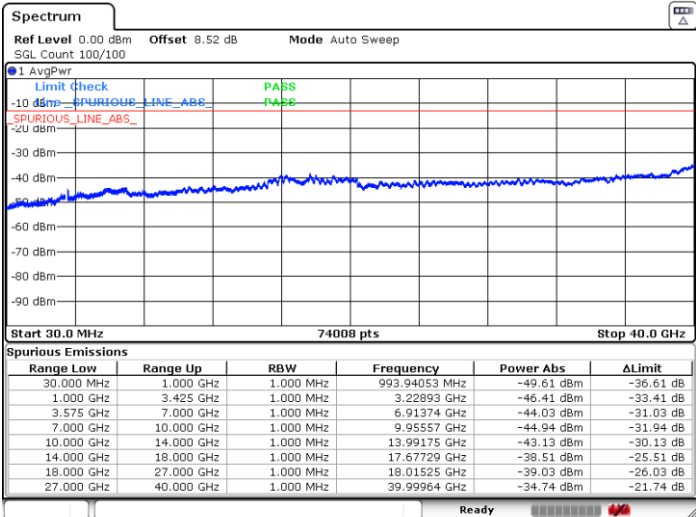
Middle Channel / 64QAM



Date: 24.MAR.2022 06:48:22

Date: 24.MAR.2022 06:49:47

Highest Channel / 64QAM



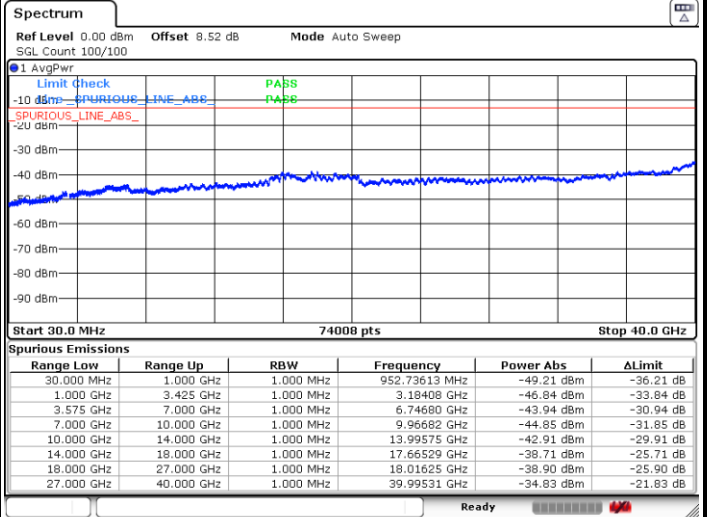
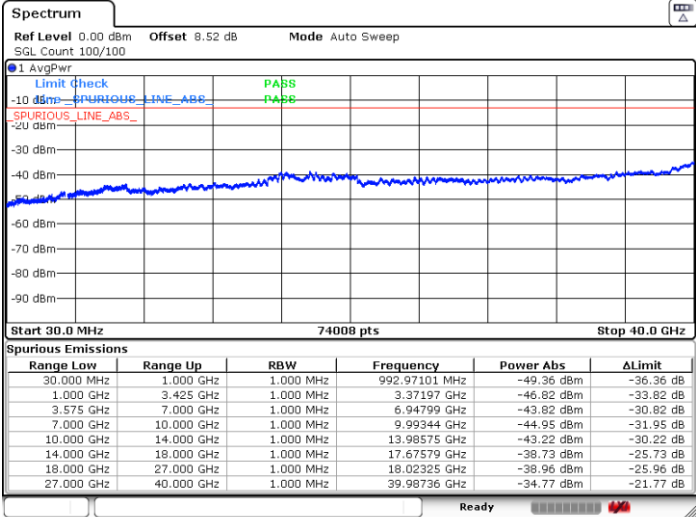
Date: 24.MAR.2022 06:56:39



LTE Band 42 / 20MHz

Lowest Channel / 64QAM

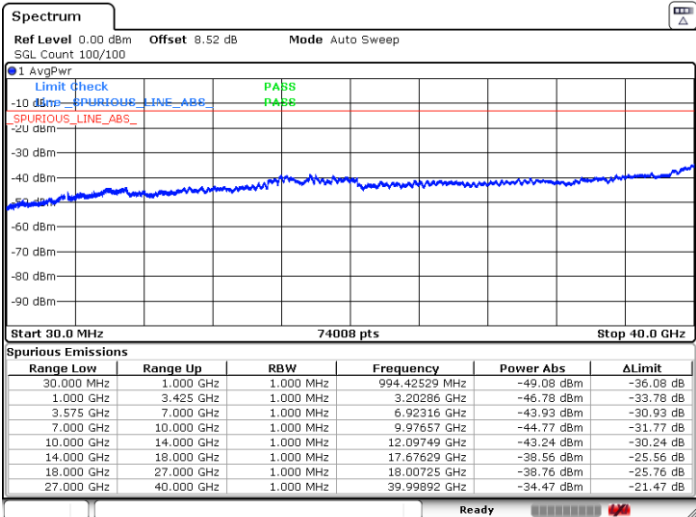
Middle Channel / 64QAM



Date: 24.MAR.2022 06:34:20

Date: 24.MAR.2022 06:39:35

Highest Channel / 64QAM



Date: 24.MAR.2022 06:41:13



Frequency Stability

Test Conditions		LTE Band 42 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0023	PASS
40	Normal Voltage	0.0021	
30	Normal Voltage	0.0015	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0011	
0	Normal Voltage	0.0012	
-10	Normal Voltage	0.0015	
-20	Normal Voltage	0.0025	
-30	Normal Voltage	0.0008	
20	Maximum Voltage	0.0014	
20	Normal Voltage	0.0015	
20	Battery End Point	0.0008	

Note:

1. Normal Voltage =3.87 V. ; Battery End Point (BEP) =3.65 V. ; Maximum Voltage =4.45 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.



Appendix B. Test Results of Radiated Test

Test Engineer :	Chris Chen	Temperature :	22~23°C
		Relative Humidity :	41~42%

LTE Band 42 / 20MHz / QPSK / RB Size 1 Offset 0								
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	6900	-63.23	-13	-50.23	-73.71	2.76	13.24	H
	10356	-58.21	-13	-45.21	-67.80	3.42	13.01	H
	13800	-59.22	-13	-46.22	-68.83	3.83	13.44	H
	6900	-59.36	-13	-46.36	-69.80	2.80	13.24	V
	10356	-58.81	-13	-45.81	-68.36	3.46	13.01	V
	13800	-59.53	-13	-46.53	-69.09	3.88	13.44	V
Middle	6984	-59.63	-13	-46.63	-70.11	2.76	13.24	H
	10476	-58.73	-13	-45.73	-68.32	3.42	13.01	H
	13968	-59.51	-13	-46.51	-69.12	3.83	13.44	H
	6984	-59.12	-13	-46.12	-69.56	2.80	13.24	V
	10476	-58.05	-13	-45.05	-67.60	3.46	13.01	V
	13968	-59.88	-13	-46.88	-69.44	3.88	13.44	V
Highest	7056	-61.80	-13	-48.80	-72.28	2.76	13.24	H
	10596	-60.33	-13	-47.33	-69.92	3.42	13.01	H
	14124	-59.76	-13	-46.76	-69.37	3.83	13.44	H
	7056	-57.37	-13	-44.37	-67.81	2.80	13.24	V
	10596	-60.41	-13	-47.41	-69.96	3.46	13.01	V
	14124	-60.10	-13	-47.10	-69.66	3.88	13.44	V

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.